

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[B.PHARM 0524]

MAY 2024
(FEBRUARY 2024 EXAM SESSION)

Sub. Code: 4263

B.PHARMACY DEGREE COURSE (NON-SEMESTER EXAMINATIONS)
THIRD YEAR (Regulation 2009-2010)
PAPER III – PHARMACEUTICAL DOSAGE FORMS AND COSMETIC TECHNOLOGY

Q.P. Code: 564263

Time: Three hours

Answer ALL questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. a) Explain the different filling methods of Aerosols.
b) Define suppositories, what are the ideal characteristics and types of suppository bases.
2. a) Write in detail about the production facilities required for parenterals.
b) Toothpaste.

II. Write notes on:

(8 x 5 = 40)

1. Explain briefly the mechanism of drug penetration in semisolid dosage forms.
2. Dried human plasma.
3. Quality Assurance.
4. Creams.
5. Total parenteral Nutrition.
6. Types of plastics used in packaging of pharmaceutical products.
7. Baby care products.
8. Lipsticks.

III. Short answers on:

(10 x 2 = 20)

1. Storage Condition of blood.
2. Total Quality Management.
3. Medicated Dose inhaler with example.
4. IV additives.
5. Process validation.
6. Creaming and Cracking.
7. Preservatives used in liquid dosage forms.
8. Organoleptic Additives.
9. Pessaries.
10. Shampoo
